

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086656.D
 Acq On : 15 May 2025 19:37
 Operator : JC\MD
 Sample : PB167995ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167995ZHE#01

Quant Time: May 16 05:33:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

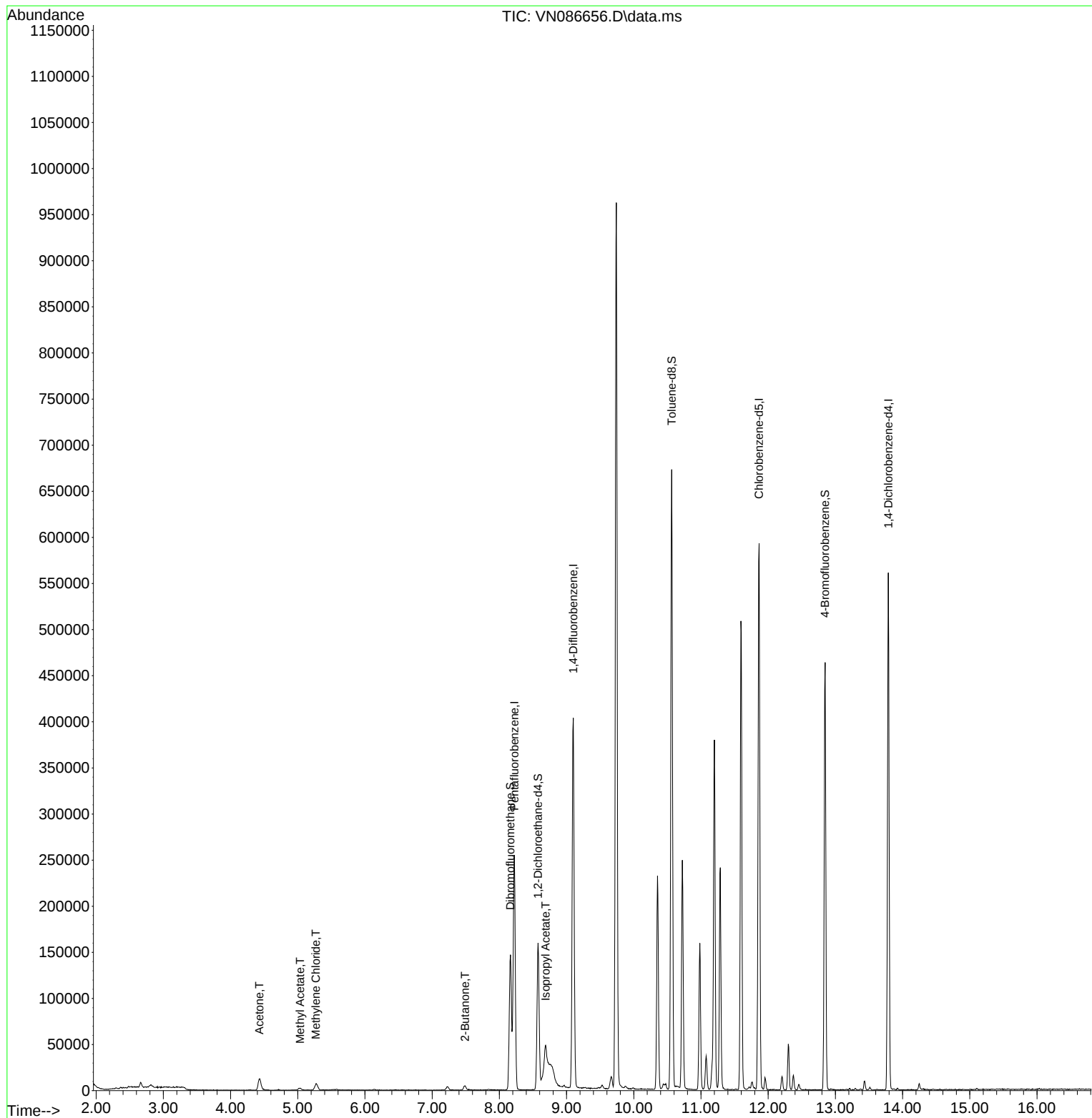
Internal Standards						
1) Pentafluorobenzene	8.224	168	189533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	363960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	357937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132083	48.058	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.120%
35) Dibromofluoromethane	8.165	113	108953	64.500	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	129.000%#
50) Toluene-d8	10.565	98	471922	52.274	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.540%
62) 4-Bromofluorobenzene	12.847	95	170334	51.729	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.460%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	26562	22.766	ug/l	99
18) Methyl Acetate	5.036	43	4874	1.477	ug/l #	71
20) Methylene Chloride	5.271	84	6087	2.396	ug/l	90
25) 2-Butanone	7.488	43	8876	5.188	ug/l	93
43) Isopropyl Acetate	8.688	43	89702	12.458	ug/l #	69

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
Data File : VN086656.D
Acq On : 15 May 2025 19:37
Operator : JC\MD
Sample : PB167995ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#01

Quant Time: May 16 05:33:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

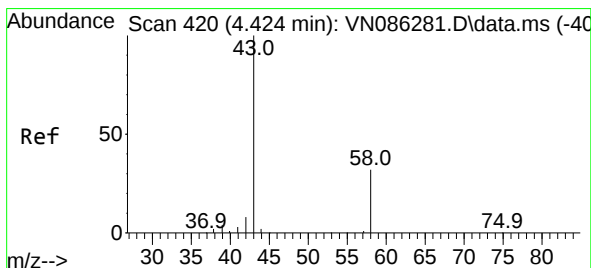
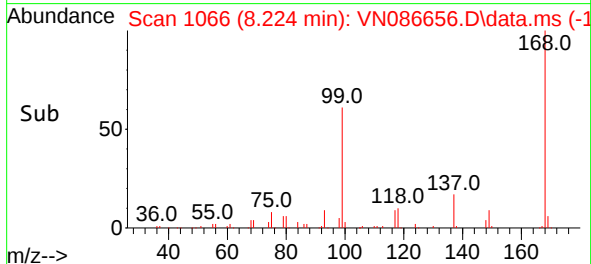
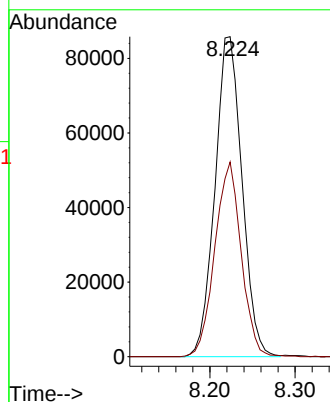
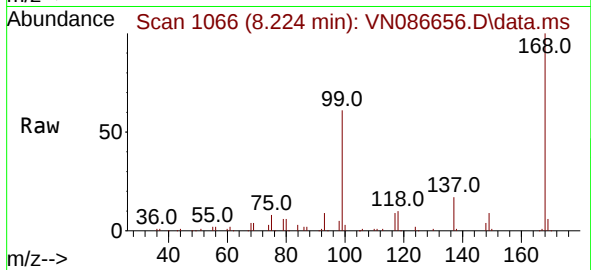




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

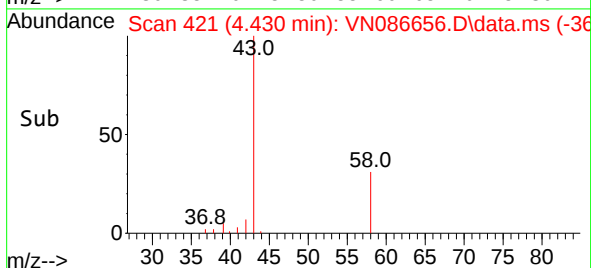
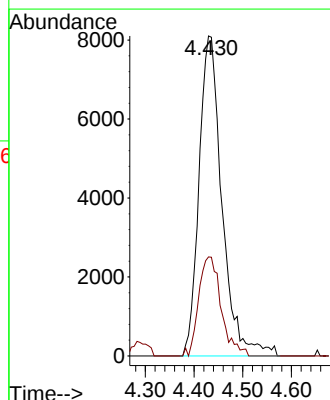
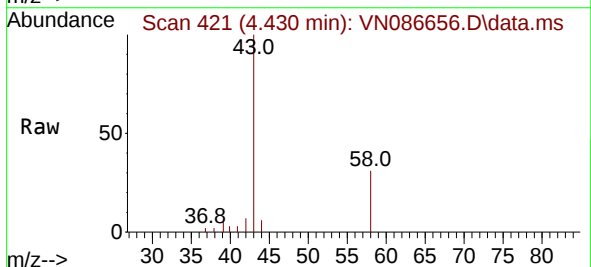
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#01

Tgt Ion:168 Resp: 189533
Ion Ratio Lower Upper
168 100
99 60.9 52.5 78.7



#16
Acetone
Concen: 22.766 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

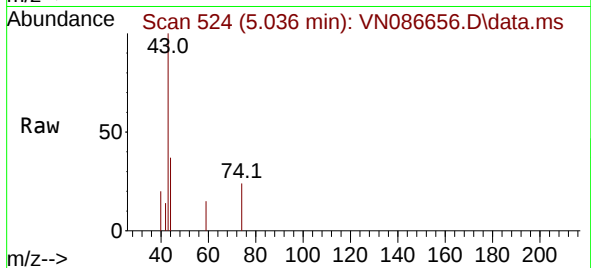
Tgt Ion: 43 Resp: 26562
Ion Ratio Lower Upper
43 100
58 30.9 25.3 37.9



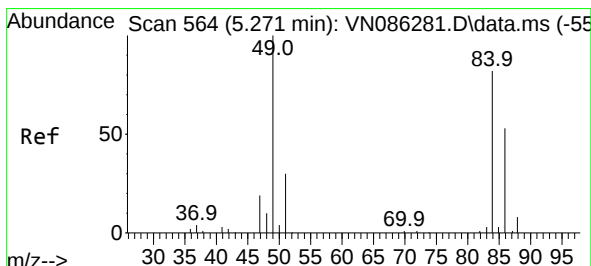
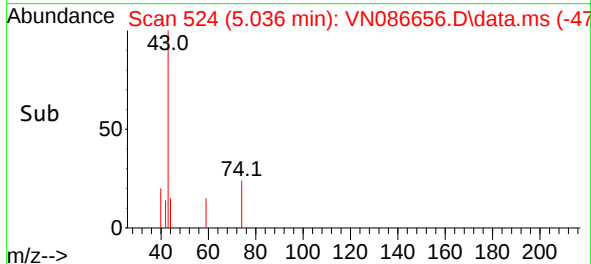
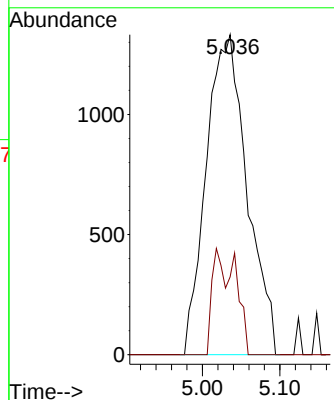


#18
Methyl Acetate
Concen: 1.477 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#01

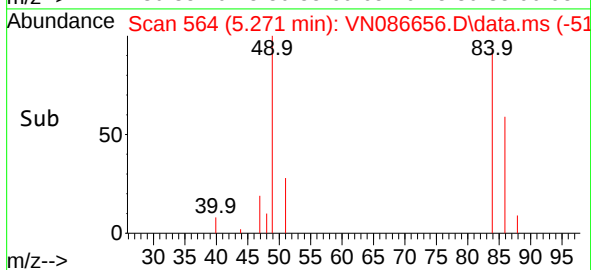
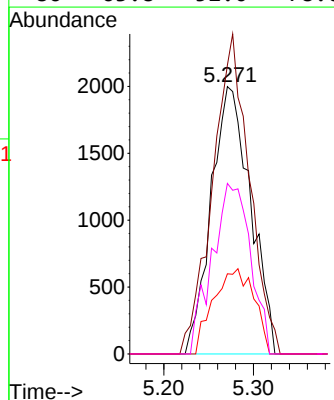
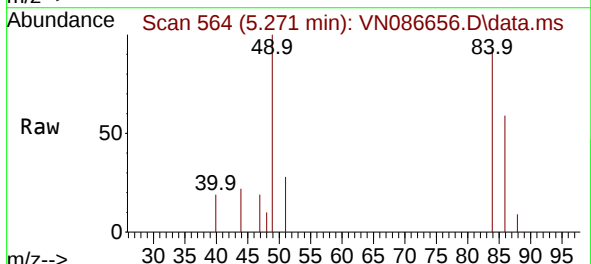


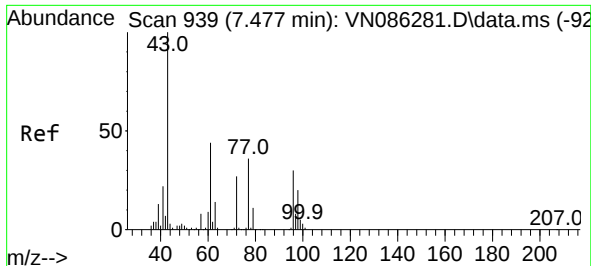
Tgt Ion: 43 Resp: 4874
Ion Ratio Lower Upper
43 100
74 10.1 19.8 29.6#



#20
Methylene Chloride
Concen: 2.396 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

Tgt Ion: 84 Resp: 6087
Ion Ratio Lower Upper
84 100
49 108.1 98.2 147.2
51 30.0 29.8 44.6
86 63.8 52.0 78.0

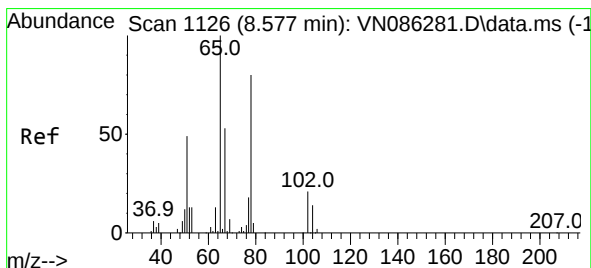
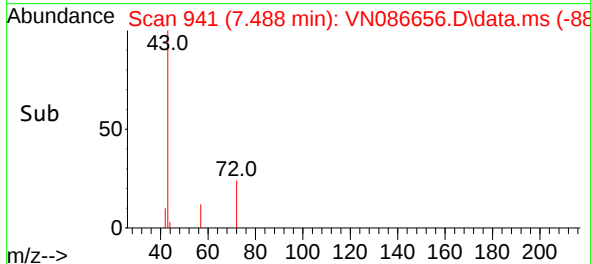
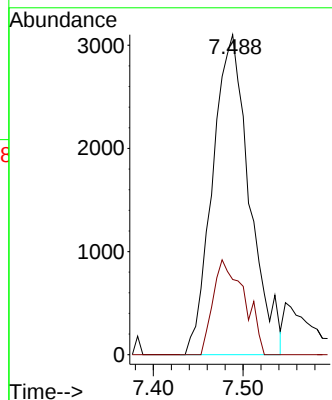
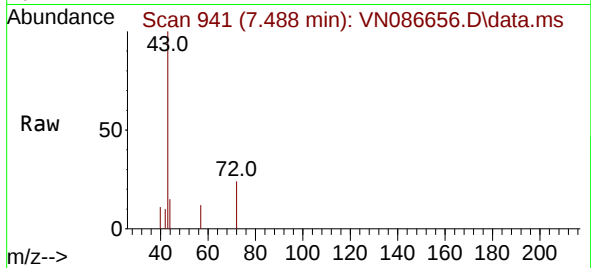




#25
2-Butanone
Concen: 5.188 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

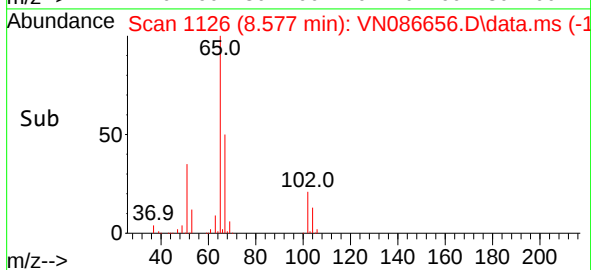
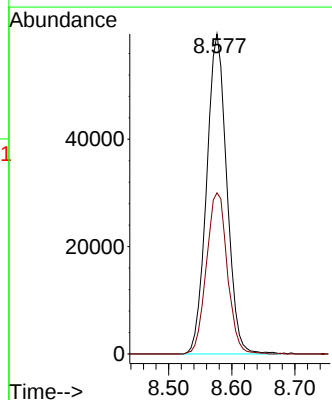
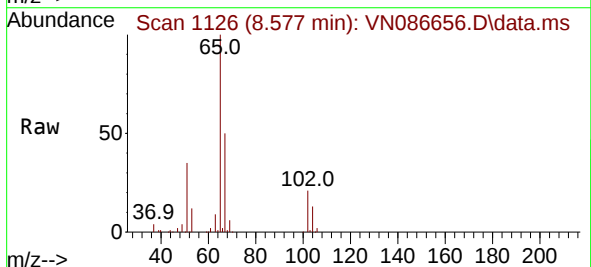
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#01

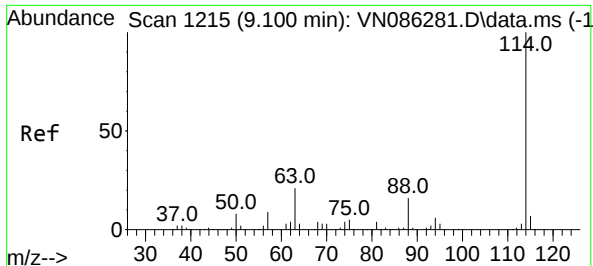
Tgt Ion: 43 Resp: 8876
Ion Ratio Lower Upper
43 100
72 23.5 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 48.058 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

Tgt Ion: 65 Resp: 132083
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086656.D

Acq: 15 May 2025 19:37

Instrument :

MSVOA_N

ClientSampleId :

PB167995ZHE#01

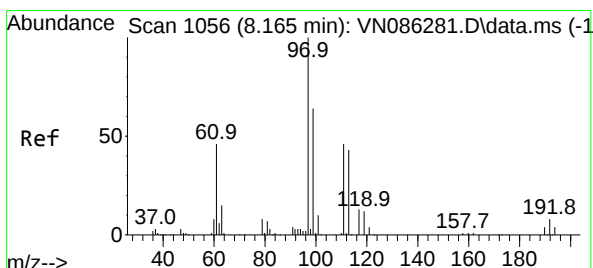
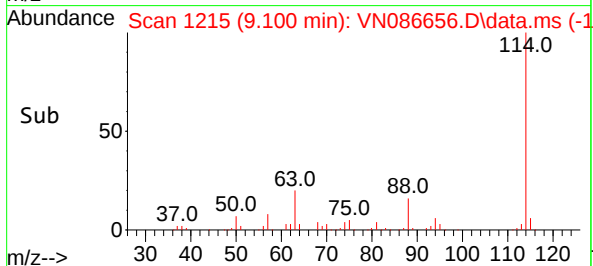
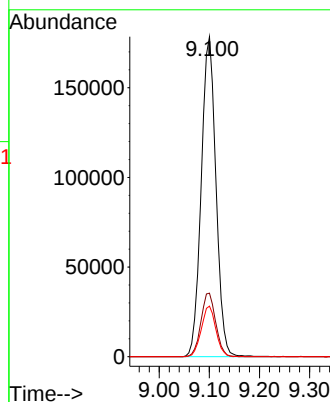
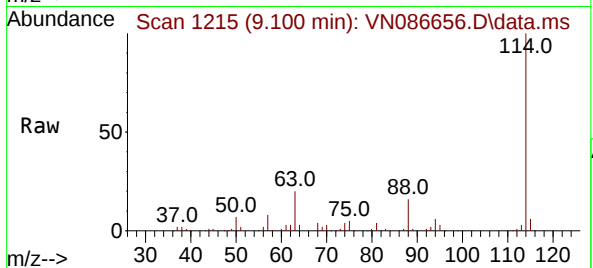
Tgt Ion:114 Resp: 363960

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 64.500 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086656.D

Acq: 15 May 2025 19:37

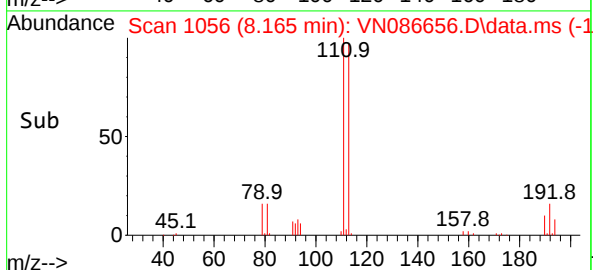
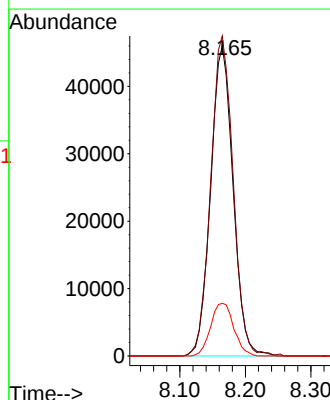
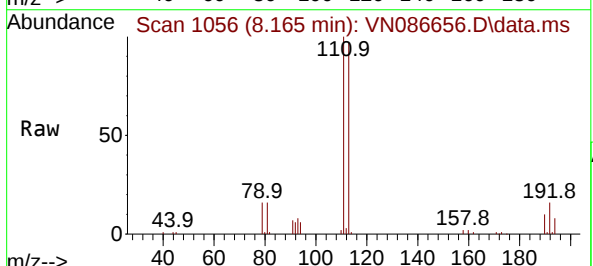
Tgt Ion:113 Resp: 108953

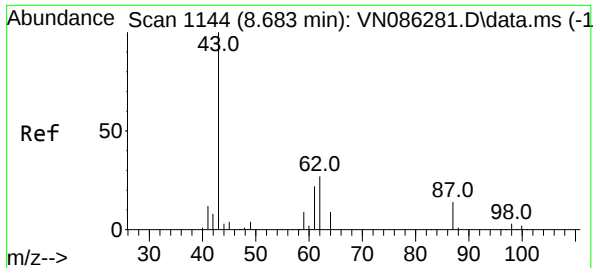
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.0

192 17.5 13.7 20.5

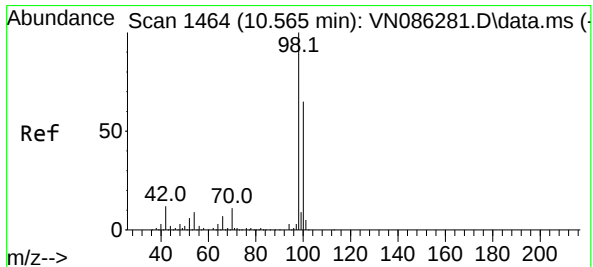
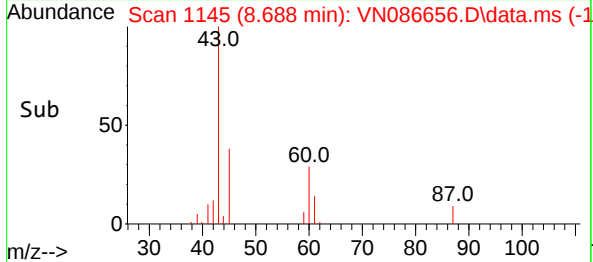
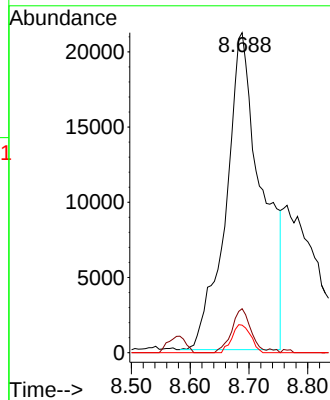
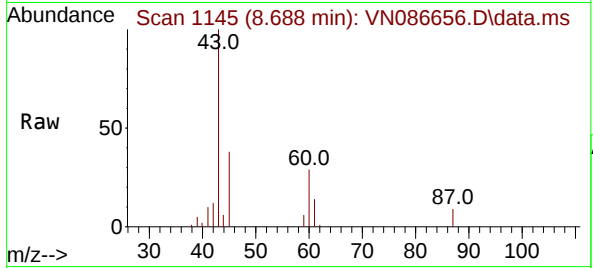




#43
Isopropyl Acetate
Concen: 12.458 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

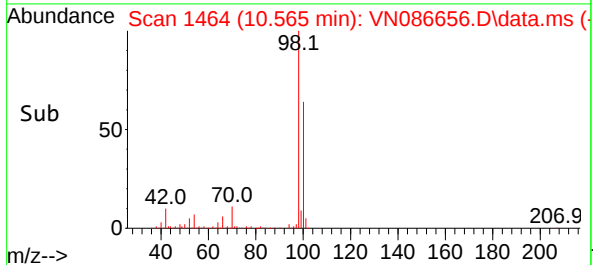
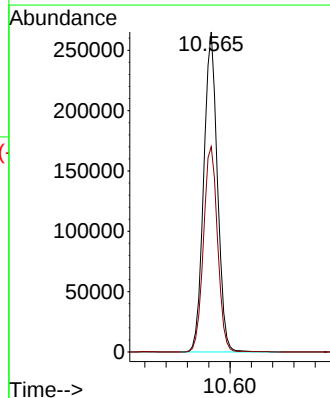
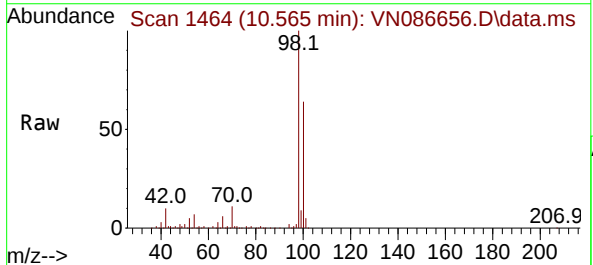
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#01

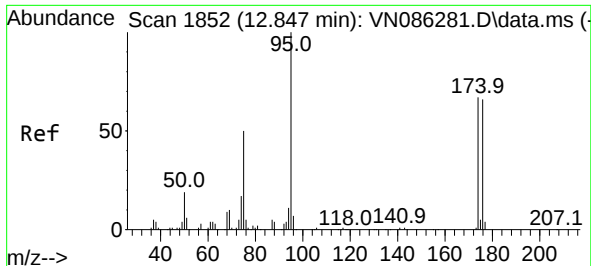
Tgt Ion: 43 Resp: 89702
Ion Ratio Lower Upper
43 100
61 7.3 20.5 30.7#
87 4.6 10.5 15.7#



#50
Toluene-d8
Concen: 52.274 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

Tgt Ion: 98 Resp: 471922
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

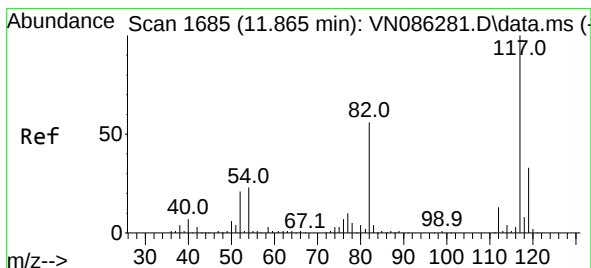
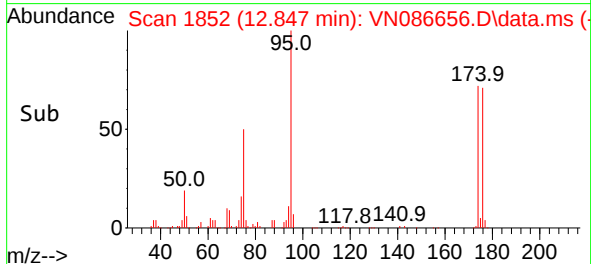
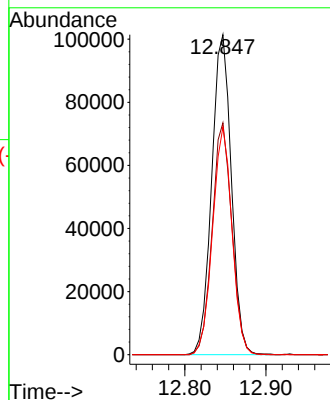
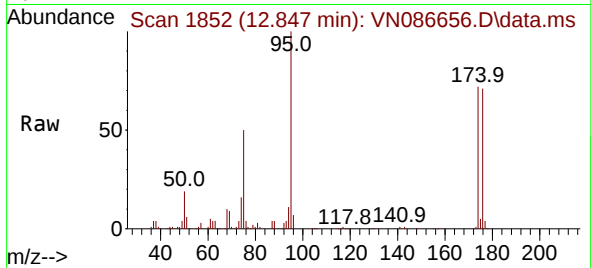




#62
4-Bromofluorobenzene
Concen: 51.729 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

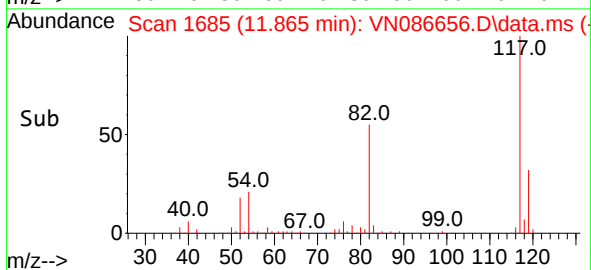
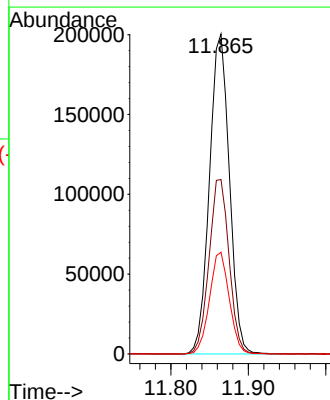
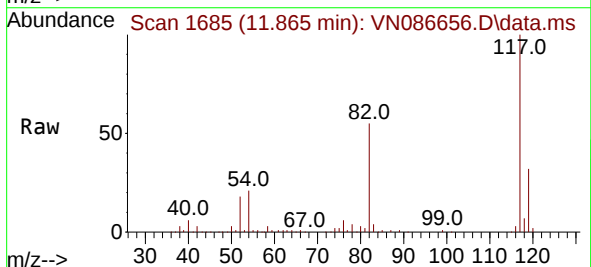
Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#01

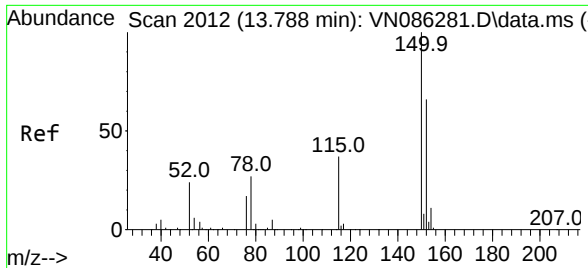
Tgt Ion: 95 Resp: 170334
Ion Ratio Lower Upper
95 100
174 72.5 0.0 133.4
176 70.3 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

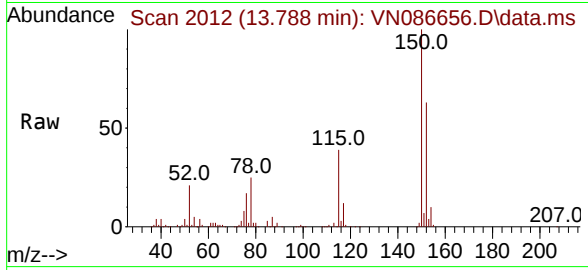
Tgt Ion: 117 Resp: 357937
Ion Ratio Lower Upper
117 100
82 54.5 44.7 67.1
119 31.8 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086656.D
Acq: 15 May 2025 19:37

Instrument :
MSVOA_N
ClientSampleId :
PB167995ZHE#01



Tgt Ion:152 Resp: 152993
Ion Ratio Lower Upper
152 100
115 60.7 31.9 95.9
150 157.9 0.0 352.0

